

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	81	(premature or early or anticipated) adj (enunciator or enunciation or pronunciation or speak or speech or utterance or articulation or articulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:24
L2	20	speech near5 input near5 before near5 (ready or on or start)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:25
L3	1	(speech adj recognition) with (activat\$3 and receiv\$3 and ((earl\$3 or premature) near5 detect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:26
L4	522	(chang\$3 or alter\$3 or modif\$4 or adapt\$4) near5 ((start\$3 adj time) or onset or activat\$3 or trigger) near5 recogni\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:27
L5	48	L4 and (speech adj recognition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:27
S1	5	((UMA) near2 (ARUN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 08:58
S2	0	((UMA) near2 (ARUN)).INV.	EPO; JPO; DERWENT	OR	ON	2007/02/27 08:24
S3	23023	("704").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 08:58

## EAST Search History

S4	838	(704/231).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 09:00
S5	1707	(704/270).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 09:01
S6	80	(premature or early or anticipated) adj (enunciator or enunciation or pronunciation or speak or speech or utterance or articulation or articulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:24
S7	78	(premature or early or anticipated) adj command	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:00
S8	27	speech adj recognition and ((early or premature) near (utterance or utter or spoken or speak\$3 or input))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:03
S9	0	speech adj input adj before adj (ready or on or start)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:31
S10	0	speech near input near before near (ready or on or start)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:32

## EAST Search History

S11	19	speech near5 input near5 before near5 (ready or on or start)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:25
S12	13472	((("50" or "100") near (ms or milliseconds)) same period	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:46
S13	131	S12 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:47
S14	39	S13 and listen\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 11:52
S15	43	(speech adj recognition) with (activat\$3 and receiv\$3 and adjust\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 12:55
S16	1	(speech adj recognition) with (activat\$3 and receiv\$3 and ((earl\$3 or premature) near5 detect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:26
S17	11	(speech adj recognition) with ((earl\$3 or premature) near5 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:04

## EAST Search History

S18	0	"50 to 100 ms"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:05
S19	2	speech before onset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/27 13:07
S20	5	early near detection near speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:56
S21	0	earlier near detection near speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:55
S22	3	speech adj recognition with barge adj in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:08
S23	77	speech adj recognition with ("barge in" or barge-in or barged-in or "barged in")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:33
S24	201	speech adj recognition and (listening same period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:35

## EAST Search History

S25	2	premature adj enunciator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:36
S26	7	filter same sound near5 overlays	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:41
S27	30388	speech adj recognition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:42
S28	1524	filter with overlay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 14:33
S29	18	S27 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:48
S30	908	filter near5 overlay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:49
S31	182	filter adj overlay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:49

## EAST Search History

S32	0	S31 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:51
S33	6	listen\$3 with (earlier same time adj interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:06
S34	5	listen\$3 same (earlier with time adj interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:08
S35	150	receive near3 input with (before or afore or ante or anteriorly or "in advance" or precedently or sooner) with (onset or ready or start\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:18
S36	4	receive near3 input with (before or afore or ante or anteriorly or "in advance" or precedently or sooner) with listen\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:13
S37	1	recognition with earl\$3 near5 (listening or detecting or recording) near5 period	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:21
S38	130	earl\$3 near5 (listening or detecting or recording) near5 period	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:22

## EAST Search History

S39	4	(speech or voice or input) with earl\$3 near5 (listening or detecting or recording) near5 period	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:24
S40	3877	(precipitat\$2 or anticipativ\$3 or anticipat\$2 or precipitant or early or premature) near5 (speak\$3 or enounciat\$3 or delivery or utterance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:32
S41	101	S40 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:31
S42	2899	(precipitat\$2 or precipitant or early or premature) near5 (speak\$3 or enounciat\$3 or delivery or utterance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:32
S43	32	S42 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 07:49
S44	57	detect with ("barge adj in" or barge-in or barged-in or "barged in")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 08:12
S45	122	detect\$3 with ("barge adj in" or barge-in or barged-in or "barged in")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 08:15

## EAST Search History

S46	101	(detect\$3 with ("barge adj in" or barge-in or barged-in or "barged in")) and (speech adj recognition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 09:17
S47	2	("5765130").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:45
S48	2045	adjust\$4 near5 (activat\$3 or recogni\$4) near5 (time or period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 11:34
S49	88	S48 and speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 09:48
S50	20	adjust\$4 near5 (activat\$3 or recogni\$4) near3 (time or period) same ((speech adj recognition) or (recognition adj system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 11:41
S51	146927	speech recognition and (adjust\$4 or modif\$3) with (activation near3 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 12:51
S52	146927	speech recognition and ((adjust\$4 or modif\$3) with (activation near3 time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 12:55



## EAST Search History

S53	838	(704/231).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 12:52
S54	731	S52 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 12:52
S55	23023	("704").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 12:52
S56	15195	S52 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 12:53
S57	1707	(704/270).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 12:53
S58	1315	S52 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 12:54
S59	4	(speech adj recognition) and ((adjust\$4 or modif\$3) with (activation near3 time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 12:56

## EAST Search History

S60	24	adjust\$4 same onset same recognition same time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 13:01
S61	4	(adjust or adjustable) with activation with time with recognition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 13:05
S62	2173	(chang\$3 or alter\$3 or modif\$4 or adapt\$4) with ((start\$3 adj time) or onset or activat\$3 or trigger) with recogni\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 13:20
S63	263	S62 and speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 13:18
S64	488	(chang\$3 or alter\$3 or modif\$4 or adapt\$4) near5 ((start\$3 adj time) or onset or activat\$3 or trigger) near5 recogni\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 13:21
S65	55	S64 and speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 13:29
S66	46	S64 and (speech adj recognition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:27

## EAST Search History

S67	3	("6904405").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 14:12
S68	2	start with recognition with before with ready with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/28 14:13
S69	1	algorithm intelligent speech recognition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/28 14:35
S70	2	("6012030").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 15:42
S71	34	(detect\$3 near2 speech) near8 (prior or earl\$3 or before) near5 input	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 08:43
S72	2	2003/0055655	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 09:35
S73	2	("20030055655").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 09:35

## EAST Search History

S74	1529	filter with overlay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 14:34
S75	22	S74 and speech near2 (recognition or processing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 14:36
S76	86	(filter\$3 near5 overlay) same (recognition or processing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 14:40
S77	1	(filter\$3 near5 overlay) same ((speech or voice) near2 (recognition or processing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:00
S78	20	(filter\$3 near5 overlay) and ((speech or voice) near2 (recognition or processing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:02
S79	2344	(filter\$3 near5 (speech or voice) near3 (signal or input)) same process\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:07
S80	539	S79 and "704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:04

## EAST Search History

S81	23034	("704").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 15:04
S82	1034	S79 and S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:05
S83	25820	(speech near2 recognition) and processing (filter\$3 near5 (speech or voice) near3 (signal or input))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:07
S84	894	(speech near2 recognition) and processing and(filter\$3 near5 (speech or voice) near3 (signal or input))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:07
S85	894	(speech near2 recognition) and processing and (filter\$3 near5 (speech or voice) near3 (signal or input))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:07
S86	652	S84 and S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:08
S87	838	(704/231).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 15:08

## EAST Search History

S88	1707	(704/270).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 15:08
S89	72	S86 and (S87 or S88)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:27
S90	117	speech near2 recognition near2 system near8 filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:40
S91	60	S90 and (S81 or S88)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:38
S92	11	speech near2 recognition near2 system near8 filter near5 noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:44
S93	327	(speech near6 filter\$3 near3 noise) same process\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:45
S94	79	(premature or early or anticipated) adj command	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:45

## EAST Search History

S95	199	S93 and (S81 or S94)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:47
S96	14	S93 and (S87 or S88)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:49
S97	212	processing near3 filter\$2 near3 speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 15:54
S98	7	S97 and (S87 or S88)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 16:07
S99	1	(speech near2 recognition near2 system) with (filter\$3 near5 noise near8 process\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 16:08
S10 0	229	(adjust\$3 or tun\$3) same (earl\$3 or prematur\$3) same speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:11
S10 1	77	S100 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:32

## EAST Search History

S10 2	2	("20030055655").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/17 16:35
S10 3	3	((voice or speech) near3 recogni\$4) and (adjust\$3 or tun\$3) near6 (earl\$3 or prematur\$3) near6 (input or activat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:39
S10 4	3	((voice or speech) near3 recogni\$4) and ((adjust\$3 or tun\$3) near6 (earl\$3 or prematur\$3) near6 (input or activat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:37
S10 5	0	(barge near2 in) near6 (adjust\$3 or tun\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:41
S10 6	186	(barge near2 in) and (adjust\$3 or tun\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:41
S10 7	28	S106 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:38
S10 8	1	listen\$3 near4 speech near5 "during" near4 prompt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:40